UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/834,160	04/12/2001	Craig R. Burfeind	1081.005US1	3591

23552	7590	03/08/2005

MERCHANT & GOULD PC
P.O. BOX 2903
MINNEAPOLIS, MN 55402-0903

EXAMINER
PATEL, ASHOKKUMAR B

ART UNIT	PAPER NUMBER
2154	

DATE MAILED: 03/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

		Application No.	Applicant(s)
Office Action Summary		09/834,160	BURFEIND ET AL.
		Examiner	Art Unit
		Ashok B. Patel	2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>03 February 2005</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-73* is/are pending in the application.

    4a) Of the above claim(s) <u>20-73</u> is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>20-73</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some *   c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5)☐ Notice of Informal Patent Application (PTO-152)
6)☐ Other: _____.

DETAILED ACTION

1.   Application Number 09/834, 160 was filed on 04/12/2001.   Claims 20-73 are

subject to examination. Claims 1-19 have been cancelled.

Response to Arguments

2.   Applicant's arguments filed 02/03/ 2005 have been fully considered but they are

not persuasive for the following reasons and teachings of the prior art.

Applicant's argument:

Obradovich does not discuss the image type of the weather maps received by the

PCD, and does not discuss any formatting capabilities of a server system responding to

the PCD requests. Hence, Obradovich does not disclose or suggest a server system

that is capable of producing weather maps of multiple image types. Moreover,

Obradovich provides no teaching that would have suggested the desirability of such a

server feature, because the disclosure is focused solely on the client-side PCD.

Examiner's response:

Obradovich does discuss the image type of the weather maps received by the PCD and

does discuss any formatting capabilities of a server system responding to the PCD

requests. (Fig. 32, col. 12, lines 27-30, "The PCD displays a number of different types

of weather maps, including satellite images, radar maps, temperature maps, wind chill

maps, and any other type of weather map available.", and Abstract, "The data providers

respond to requests by using searching and sorting schemes to interrogate data bases

and then automatically transmitting data responsive to the requests to the requesting

PCD." Also, Fig.11, "Note: PCD is also a server to another PCD." And As illustrated in

FIG. 29, the universal converter enables the PCD to read in data provided by third

parties 291a, b and convert or filter such data to a format useable by the PCD. The

universal converter first inspects the received data to determine if the data is in a known

format which can be converted to the format used by the PCD. If the format is not

known by the device, the universal converter attempts to extract any ASCII data or

format the data as a bit map as appropriate.) and thence Obradovich does disclose a

server system that is capable of producing weather maps of multiple image types, and

moreover, Obradovich provides teaching of the desirability of such a server feature.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –

> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   Claims 20-73 are rejected under 35 U.S.C. 102(e) as being anticipated by

Obradovich et al. (hereinafter Obradovich)(US 6, 529, 824).

Referring to claim 20,

The reference teaches a computerized system (Fig.2) for producing a customized

weather map from a source of weather map data for a geographic area (Fig.32 and

Abstract), the computerized system comprising:

a wireless client device (Fig.4, col.8, lines 20-24) including

an input device receiving commands and data from a user (Fig.4, elements

26,27,28B);

a graphical display having a center point substantially centered in the graphical

display (Fig.4, element 28A,Fig.2, elements 28,30);

a processor (Fig.4, element "processor"); and

client software executable by the processor to receive user input from the input device

(Fig.32), generate a server request for weather map data corresponding to a geographic

point of interest (Fig.32, elements "City, State, ZIP code, area code etc), and display a

customized weather map (col.12, lines 26-30) for a geographic region surrounding the

geographic point of interest, wherein the geographic point of interest is substantially

aligned with the center point of the graphical display (Fig.32, element "center map by",

col.12, lines 20-34); and

a server system coupled to receive weather map data from the source of weather map

data, the server system comprising:

one or more computing platforms; and

server software executable by the server system to receive a server request for

weather map data for the geographic point of interest, process weather map data from

the source of weather map data for a geographic region surrounding the geographic

point of interest to produce a customized weather map, and transmit the customized

weather map to the wireless client device, wherein the customized weather map is one

of multiple image types producible by the server system. (col.2, lines 39-41, "The

system accesses computer and storage systems with various applications in order to

provide this information from a plurality of providers.", Abstract, "The data providers

respond to requests by using searching and sorting schemes to interrogate data bases

and then automatically transmitting data responsive to the requests to the requesting

PCD." , Fig. 32, col. 12, lines 27-30, "The PCD displays a number of different types of

weather maps, including satellite images, radar maps, temperature maps, wind chill

maps, and any other type of weather map available.",)

Referring to claims 21, 35, 49 and 63,

The reference teaches the computerized system, wherein the wireless client device

comprises a wireless-application protocol-enabled mobile phone. (col.2, lines 60-64)

Referring to claims 22, 36, 50 and 64,

The reference teaches the computerized system, wherein the wireless client device

comprises a personal digital assistant adapted for wireless Internet access. (Fig.4, col.2,

lines 60-64)

Referring to claims 23, 37, 51 and 65,

The reference teaches the computerized system, wherein the geographic point of

interest is a current location of the wireless client device. (col.11, lines 38-52," Maps

from an external source are downloaded via any of the communication links such as the

FAX, BEEPER, PHONE or RADIO touch points provided in the sub-menu portion of the

display 151. Depending on the users requirements, several maps could exist showing

similar map areas with different layers for viewing. By way of example, airport maps

with air space requirements, coastal waterway, maps, and interstate maps, and even

hand drawn maps scanned into a computer system all show different resources within a

given geographic area. These maps, when presented on the PCD, could over-saturate

the display map detail for any given map area. Therefore, it is preferred that the actual

map displayed be selectable. Maps are retrieved by pressing QUE IN

550, scrolling to highlight the desired map, and pressing ENTER 27g FIG. 2.").

Referring to claims 24, 38, 52 and 66,

The reference teaches the computerized system, wherein the server software is further

executable by the server system to determine the current location of the wireless client

device by receiving location information from a global positioning system. (col.2, lines

60-63, Fig.11, "Note: PCD is also a server to another PCD.", Fig.7, col.10, lines 20-34).

Referring to claims 25, 39, 53 and 67,

The reference teaches the computerized system, wherein the server software is further

executable by the server system to determine the current location of the wireless client

device by determining a cell of the wireless client device. (col.2, lines 60-63)

Referring to claims 26, 40, 54 and 68,

The reference teaches the computerized system, wherein the server software is further

executable by the server system to determine the current location of the wireless client

device by receiving location information from user-entered data. (Fig. 32, col.12, lines

20-34)

Referring to claims 27, 41, 55 and 69,

The reference teaches the computerized system, wherein the source of weather map

data is a ground-based source. Abstract, "The data providers respond to requests by

using searching and sorting schemes to interrogate data bases and then automatically

transmitting data responsive to the requests to the requesting PCD.")

Referring to claim 28,

The reference teaches the computerized method for producing a customized weather

map from a source of weather map data for a geographic area (Abstract and Fig.32),

the computerized method comprising:

sending a request to a server for weather map data corresponding to a

geographic point of interest of a user (Fig.4, Fig.32, col.8, lines 20-24);

processing weather map data on the server from the source of weather map data

for a geographic region surrounding the geographic point of interest (Fig.32, elements

"City, State, ZIP code, area code etc) to produce a customized weather map, wherein

the customized weather map is one of multiple image types producible by the server

system. (col.2, lines 39-41, "The system accesses computer and storage systems with

various applications in order to provide this information from a plurality of providers.",

Abstract, "The data providers respond to requests by using searching and sorting

schemes to interrogate data bases and then automatically transmitting data responsive

to the requests to the requesting PCD." , Fig. 32, col. 12, lines 27-30, "The PCD

displays a number of different types of weather maps, including satellite images, radar

maps, temperature maps, wind chill maps, and any other type of weather map

available.")

transmitting the customized weather map to the wireless client device; and

displaying the customized weather map for the geographic region surrounding the

geographic point of interest on a graphical display of the wireless client device(col.2,

lines 39-41, "The system accesses computer and storage systems with various

applications in order to provide this information from a plurality of providers.", Abstract,

"The data providers respond to requests by using searching and sorting schemes to

interrogate data bases and then automatically transmitting data responsive to the

requests to the requesting PCD."), wherein the geographic point of interest is

substantially aligned with a center point of the graphical display (Fig.32, element "center

map by", col. 12, lines 20-34).

Referring to claims 29, 43 and 57,

The reference teaches the computerized method, further comprising determining the

geographic point of interest of the user (Fig.32, elements "City, State, ZIP code, area

code etc.)

Referring to claims 30, 44 and 58,

The reference teaches the computerized method, wherein the determining of the

geographic point of interest of the user comprises determining a current location of the

wireless client device. (Fig.8, col.10, lines 36-40)

Referring to claims 31, 45, 59 and 71,

The reference teaches the computerized method, wherein the determining of the current

location of the wireless client device comprises determining a cell of the wireless client

device. (Fig 1, col.7, lines 20-30, col.12, lines 60-63)

Referring to claims 32, 46, 60 and 72,

The reference teaches the computerized method, wherein the determining of the current

location of the wireless client device comprises receiving location information from a

global positioning system. (col.2, lines 60-63, Fig.7, col.10, lines 20-34).

Referring to claims 33, 47, 61 and 73,

The reference teaches the computerized method, wherein the determining of the current

location of the wireless client device comprises receiving location information from

user-entered data. (Fig. 32, col.12, lines 20-34)

Referring to claim 34,

The reference teaches a computerized system for producing a customized weather map

from a source of weather map data for a geographic area, the computerized system

(Fig.32, Abstract) comprising:

a wireless client device including

an input device receiving commands and data from a user; (Fig.4, elements

26,27,28B)

a graphical display having a center point substantially centered in the

graphical display(Fig.4, element 28A,Fig.2, elements 28,30);

a processor(Fig.4, element "processor"); and

client software executable by the processor to receive user input from

the input device including a zoom-in or zoom-out command, generate a server request

for weather map data corresponding to a geographic point of interest, and display a

customized weather map for a geographic region surrounding the geographic point of

interest, wherein the geographic point of interest is substantially aligned with the center

point of the graphical display; and

a server system coupled to receive weather map data from the source of

weather map data, the server system comprising:

one or more computing platforms; and

server software executable by the server system to receive a server

request for weather map data for the geographic point of interest, process

weather map data from the source of weather map data for a geographic region

surrounding the geographic point of interest(Fig.32, elements "City, State, ZIP code,

area code etc), produce a plurality of customized weather maps (col.12, lines 26-30),

and transmit one or more of the customized weather maps in response to the server

request, wherein one or more of the customized weather maps provide zoom-in or

zoom-out views of alternate scale, and wherein the customized weather map is one of

multiple image types producible by the server system. (col.12, lines 20-34, "FIG. 32

illustrates a Weather Map Request page. The Weather Map Request page is accessed

by pressing the Weather button 27n (shown in FIG. 2) on the PCD. The Weather Map

Request page allows the PCD user to specify the map location and scale (zoom-in or

zoom-out views of alternate scale), the map type, whether the selected map should be

automatically updated at specified intervals, and whether a set of maps should be

displayed in a sequential fashion. The PCD displays a number of different types of

weather maps, including satellite images, radar maps, temperature maps, wind chill

maps, and any other type of weather map available. Some weather information is more

perfectly provided by showing a sequence of displays indicating the change in weather

over time. wherein the customized weather map is one of multiple image types

producible by the server system. Therefore, the PCD allows the operator to sequentially

display a set of maps, thus providing an animated map display.", col.2, lines 39-41, "The

system accesses computer and storage systems with various applications in order to

provide this information from a plurality of providers.", Abstract, "The data providers

respond to requests by using searching and sorting schemes to interrogate data bases

and then automatically transmitting data responsive to the requests to the requesting

PCD." , Fig. 32, col. 12, lines 27-30, "The PCD displays a number of different types of

weather maps, including satellite images, radar maps, temperature maps, wind chill

maps, and any other type of weather map available.",)

Referring to claim 42,

The reference teaches a computerized method for producing a customized weather

map from a source of weather map data for a geographic area, the computerized

method (Fig.32 and Abstract) comprising:

  sending a request to a server for weather map data corresponding to a

geographic point of interest of a user(Fig.4, Fig.32, col.8, lines 20-24);;

  processing weather map data on the server from the source of weather map data

for a geographic region surrounding the geographic point of interest; producing a

plurality of customized weather maps, wherein the customized weather map is one of

multiple image types producible by the server system. (Fig.32, elements "City, State,

ZIP code, area code etc", col.2, lines 39-41, "The system accesses computer and

storage systems with various applications in order to provide this information from a

plurality of providers.", Abstract, "The data providers respond to requests by using

searching and sorting schemes to interrogate data bases and then automatically

transmitting data responsive to the requests to the requesting PCD." , Fig. 32, col. 12,

lines 27-30, "The PCD displays a number of different types of weather maps, including

satellite images, radar maps, temperature maps, wind chill maps, and any other type of

weather map available.");

transmitting one or more of the customized weather maps to the wireless client

device, wherein one or more of customized weather maps provide zoom-in or zoom-out

views of alternate scale;

processing a zoom-in or zoom-out command on the wireless client device; and

displaying one of the customized weather maps for the geographic region

surrounding the geographic point of interest on a graphical display of the wireless client

device, wherein the geographic point of interest is substantially aligned with a center

point of the graphical display. (col.12, lines 20-34, "FIG. 32 illustrates a Weather Map

Request page. The Weather Map Request page is accessed by pressing the Weather

button 27n (shown in FIG. 2) on the PCD. The Weather Map Request page allows the

PCD user to specify the map location and scale (zoom-in or zoom-out views of alternate

scale), the map type, whether the selected map should be automatically updated at

specified intervals, and whether a set of maps should be displayed in a sequential

fashion. The PCD displays a number of different types of weather maps, including

satellite images, radar maps, temperature maps, wind chill maps, and any other type of

weather map available. Some weather information is more perfectly provided by

showing a sequence of displays indicating the change in weather over time. Therefore,

the PCD allows the operator to sequentially display a set of maps, thus providing an

animated map display.")

Referring to claim 48,

The reference teaches a computerized system for producing a customized weather map

from a source of weather map data for a geographic area, the computerized system

(Fig.32, Abstract) comprising:

>   a wireless client device including

>>   an input device receiving commands and data from a user; (Fig.4,

>   elements 26,27,28B)

>>   a graphical display having a center point substantially centered in the

>   graphical display(Fig.4, element 28A,Fig.2, elements 28,30);

>>   a processor(Fig.4, element "processor"); and

>>   client software executable by the processor to receive user input from the

>   input device (Fig.32), generate a server request for weather map data

>   corresponding to a geographic point of interest (Fig.32, elements city, state, ZIP

>   code, area code etc.), display a first customized weather map for a geographic

>   region surrounding the geographic point of interest, and display a second

>   customized weather map for a geographic region surrounding the geographic

>   point of interest, wherein the geographic point of interest is substantially aligned

>   with the center point of the graphical display (Fig. 32, element "center map by",

col. 12, lines 20-34. "Some weather information is more perfectly provided by

showing a sequence of displays indicating the change in weather over time."),

and wherein the first and second customized weather maps are displayed on a

substantially similar scale (col. 12, lines 20-34.; "The Weather Map Request page

allows the PCD user to specify the map location and scale, the map type,

whether the selected map should be automatically updated at specified intervals,

and whether a set of maps should be displayed in a sequential fashion.")

a server system coupled to receive weather map data from the source of

weather map data, the server system comprising:

one or more computing platforms; and

server software executable by the server system to receive a server request for

weather map data for the ,geographic point of interest, process weather map data from

the Source of weather map data for a geographic region surrounding the geographic

point of interest, produce a first customized weather map at a first point in time, produce

a second customized weather map at a second point in time, and transmit the first and

second customized weather maps to the wireless client device to permit the user to

view progression of weather events over a period of time, wherein the customized

weather map is one of multiple image types producible by the server system. (col.2,

lines 39-41, "The system accesses computer and storage systems with various

applications in order to provide this information from a plurality of providers.", Abstract,

"The data providers respond to requests by using searching and sorting schemes to

interrogate data bases and then automatically transmitting data responsive to the

requests to the requesting PCD.", col.12, lines 20-34, "FIG. 32 illustrates a Weather

Map Request page. The Weather Map Request page is accessed by pressing the

Weather button 27n (shown in FIG. 2) on the PCD. The Weather Map Request page

allows the PCD user to specify the map location and scale, the map type, whether the

selected map should be automatically updated at specified intervals, and whether a set

of maps should be displayed in a sequential fashion. The PCD displays a number of

different types of weather maps, including satellite images, radar maps, temperature

maps, wind chill maps, and any other type of weather map available. Some weather

information is more perfectly provided by showing a sequence of displays indicating the

change in weather over time. Therefore, the PCD allows the operator to sequentially

display a set of maps, thus providing an animated map display.", col.2, lines 39-41, "The

system accesses computer and storage systems with various applications in order to

provide this information from a plurality of providers.", Abstract, "The data providers

respond to requests by using searching and sorting schemes to interrogate data bases

and then automatically transmitting data responsive to the requests to the requesting

PCD." , Fig. 32, col. 12, lines 27-30, "The PCD displays a number of different types of

weather maps, including satellite images, radar maps, temperature maps, wind chill

maps, and any other type of weather map available.")

Referring to claim 56,

The reference teaches a computerized method for producing a customized weather

map from a source of weather map data for a geographic area, the computerized

method (Fig.4) comprising:

sending a request to a server for weather map data corresponding to a

geographic point of interest of a user(Fig.4, Fig.32, col.8, lines 20-24);

processing weather map data on the server from the source of weather map data

for a geographic region surrounding the geographic point of interest;

producing a first customized weather map at a first point in time;

producing a second customized weather map at a second point in time;

transmitting the first and second customized weather maps to the wireless client

device;

displaying the first customized weather map for the geographic region

surrounding the geographic point of interest on a graphical display of the wireless client

device; and

displaying the second customized weather map for the geographic region

surrounding the geographic point of interest on the graphical display of the Wireless

client device,

Wherein the first and second customized weather maps are of at least one of

multiple image types producible by the server;(col.2, lines 39-41, "The system accesses

computer and storage systems with various applications in order to provide this

information from a plurality of providers.", Abstract, "The data providers respond to

requests by using searching and sorting schemes to interrogate data bases and then

automatically transmitting data responsive to the requests to the requesting PCD." , Fig.

32, col. 12, lines 27-30, "The PCD displays a number of different types of weather

maps, including satellite images, radar maps, temperature maps, wind chill maps, and

any other type of weather map available.")

wherein the geographic point of interest is substantially aligned with a center

point of the graphical display, and

wherein the first and second customized weather maps are displayed on a

substantially similar scale. (col.2, lines 39-41, "The system accesses computer and

storage systems with various applications in order to provide this information from a

plurality of providers.", Abstract, "The data providers respond to requests by using

searching and sorting schemes to interrogate data bases and then automatically

transmitting data responsive to the requests to the requesting PCD.", col.12, lines 20-

34, "FIG. 32 illustrates a Weather Map Request page. The Weather Map Request

page is accessed by pressing the Weather button 27n (shown in FIG. 2) on the PCD.

The Weather Map Request page allows the PCD user to specify the map location and

scale (zoom-in or zoom-out views of alternate scale), the map type, whether the

selected map should be automatically updated at specified intervals, and whether a set

of maps should be displayed in a sequential fashion. The PCD displays a number of

different types of weather maps, including satellite images, radar maps, temperature

maps, wind chill maps, and any other type of weather map available. Some weather

information is more perfectly provided by showing a sequence of displays indicating the

change in weather over time. Therefore, the PCD allows the operator to sequentially

display a set of maps, thus providing an animated map display.")

Referring to claim 62,

The reference teaches a computerized system for producing a customized weather

map from a source of weather map data for a geographic area, the computerized

system (Fig.32 and Abstract) comprising:

a wireless client device (Fig.4) including

an input device receiving commands and data from a user (Fig.4,

elements 26,27,28B);

a graphical display having a center point substantially centered in the

graphical display(Fig.32, element "center map by", Fig.4, element 28A, Fig.2,

element 28,30);

a processor (Fig.4, element "processor"); and

client software executable by the processor to receive user input from

the input device (Fig.32), generate a server request for weather map data

corresponding to a geographic point of interest (Fig.32, elements city, state, ZIP code,

area code etc.), display a customized weather map for a geographic region surrounding

the geographic point of interest, wherein the geographic point of interest is substantially

aligned with the center point of the graphical display (Fig.32, element "center map by"),

and display customized weather data associated with a weather condition of interest

(col.12, lines 20-34); and

a server system coupled to receive weather map data from the source

of weather map data (Abstract), the server system comprising:

one or more computing platforms; and

server software executable by the server system (Fig.11,

"Note: PCD is also a server to another PCD.", or col.2, lines 39-41, "The system

accesses computer and storage systems with various applications in order to provide

this information from a plurality of providers.", Abstract, "The data providers respond to

requests by using searching and sorting schemes to interrogate data bases and then

automatically transmitting data responsive to the requests to the requesting PCD." , Fig.

32, col. 12, lines 27-30, "The PCD displays a number of different types of weather

maps, including satellite images, radar maps, temperature maps, wind chill maps, and

any other type of weather map available.") to receive a server request for weather map

data for the geographic point of interest, process weather map data from the source of

weather map data for a geographic region surrounding the geographic point of interest

to produce a customized weather map, transmit the customized weather map to the

wireless client device (Abstract and col.2, lines 39-41), estimate a current location of the

wireless client device, estimate a speed and direction of movement of the wireless client

device, estimate a time of arrival of the wireless client device to a weather condition of

interest to the user, and transmit to the wireless client device customized weather data

associated with the weather condition of interest, wherein the customized weather map

is one of multiple image types producible by the server system (Fig.11, "Note: PCD is

also a server to another PCD.", col.8, lines 20-30, "The microprocessor may also

access or control communications with telephone networks, either hardwired or cellular,

radio transmissions, infra-red transmissions, or communications with other computer

devices. All known verbal commands from GPS systems can be implemented and

attachment or inclusion of voice activation for map instructions relative to location

(estimate a current location of the wireless client device), GPS and street designations,

including <u>heading descriptions, distance, and arrival time estimates</u> can be included."

(estimate a speed and direction of movement of the wireless client device, estimate a

time of arrival of the wireless client device), col.2, lines 39-41, "The system accesses

computer and storage systems with various applications in order to provide this

information from a plurality of providers.", Abstract, "The data providers respond to

requests by using searching and sorting schemes to interrogate data bases and then

automatically transmitting data responsive to the requests to the requesting PCD." , Fig.

32, col. 12, lines 27-30, "The PCD displays a number of different types of weather

maps, including satellite images, radar maps, temperature maps, wind chill maps, and

any other type of weather map available.").

Referring to claim 70,

The reference teaches a computerized method (Fig.2) for producing a customized

weather map from a source of weather map data for a geographic area (Fig.32 and

Abstract) , the computerized method comprising:

sending a request to a server for weather map data corresponding to a

geographic point of interest of a user (Fig.4, Fig.32, col.8, lines 20-24);

processing weather map data on the server from the source of weather map data

for a geographic region surrounding the geographic point of interest to produce a

customized weather map, wherein the customized weather map is one of multiple

image types producible by the server system (Fig.32, elements "City, State, ZIP code,

area code etc", col.2, lines 39-41, "The system accesses computer and storage systems

with various applications in order to provide this information from a plurality of

providers.", Abstract, "The data providers respond to requests by using searching and

sorting schemes to interrogate data bases and then automatically transmitting data

responsive to the requests to the requesting PCD." , Fig. 32, col. 12, lines 27-30, "The

PCD displays a number of different types of weather maps, including satellite images,

radar maps, temperature maps, wind chill maps, and any other type of weather map

available.");

transmitting the customized weather map to the wireless client device;

displaying the customized weather map for the geographic region surrounding the

geographic point of interest on a graphical display of the wireless client device (col.2,

lines 39-41), the geographic point of interest being substantially aligned with a center

point of the graphical display (Fig.32, element "center map by");

estimating a current location of the wireless client device, estimating a speed and

direction of movement of the wireless client device; estimating a time of arrival of the

client device to a weather condition of interest to the user;

transmitting customized weather data associated with the weather condition of

interest to the wireless client device; and displaying the customized weather data

associated with the weather condition of interest on the graphical display of the wireless

client device. (Fig.11, "Note: PCD is also a server to another PCD.", col.2, lines 39-41,

"The system accesses computer and storage systems with various applications in order

to provide this information from a plurality of providers.", Abstract, "The data providers

respond to requests by using searching and sorting schemes to interrogate data bases

and then automatically transmitting data responsive to the requests to the requesting

PCD." , Fig. 32, col. 12, lines 27-30, "The PCD displays a number of different types of

weather maps, including satellite images, radar maps, temperature maps, wind chill

maps, and any other type of weather map available.", col.8, lines 20-30, "The

microprocessor may also access or control communications with telephone networks,

either hardwired or cellular, radio transmissions, infra-red transmissions, or

communications with other computer devices. All known verbal commands from GPS

systems can be implemented and attachment or inclusion of voice activation for map

instructions relative to location (estimate a current location of the wireless client

device), GPS and street designations, including heading descriptions, distance, and

arrival time estimates can be included." (estimating a current location of the wireless

client device, estimating a speed and direction of movement of the wireless client

device; estimating a time of arrival of the client device)).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy

as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Ashok B. Patel whose telephone number is (571) 272-

3972. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John A Follansbee can be reached on (571) 272-3964. The fax phone

number for the organization where this application or proceeding is assigned is 703-

872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Abp
***

JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100